

The 9 you must make sure you use

Environment



The first machine I will be talking about is a band saw. This machine has a saw with a long and sharp blade to cut the woods efficiently. Because it has a lot of very sharp teeth it has the ability and the advantages to cut curved shapes or irregular like a jigsaw.

Band saws are equipped with features that can help you cut straight lines on the object that you want to cut however this is very good because it is not so easy with other cutting tools for making straight or cross cuts for some people they struggle because you need to be extremely careful and focused. Also, the results obtained from the band saw at the end is much better than the other tools. Band saw If the blade breaks on the machine you must turn the machine off and inform the instructor the reason you want to inform your instructor is that when the next person that comes and wants to use the machine they can have a fully operated machine to work on.

Rule 9 You must make sure you use both hands on the wood that you want to cut and must be careful not to have your hand or fingers in line with the saw blade your fingers must be about 3-4 inches away from the blade. However, if you are struggling and need to get closer to the blade you must remember to use a "push stick" which protects your fingers from getting close to the blade. Rule 8 You can position the "hold down foot" on the machine so that it is pressing lightly on the wood that you want to cut. This prevents the wood coming up in the air while you're trying to cut it, so it keeps it held in position on the table. Rule 7 Only cut wood that has a flat bottom because the table of the machine has a flat surface you don't want to cut any wood that is round because there is a high chance that you would lose control as you're cutting the wood. Rule 6 You must not attempt to cut sharp curves the correct way to

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cut sharp curves is by cutting the wood gradually with (relief cuts) you can do this by marking the wood with the relief cuts on the sharp edge.

Rule 5 Guide the work slowly and make sure the blade does the work you must not force the work into the blade which means that you must not push the wood towards the blade hard. Rule 4 You must always wear eye protection when you're in the workshop environment while the machines are running.

Rule 3 You must make sure that all guards are in place and you must check if its operating correctly the guard should be in a down position when your using the machines. The guard protects your hands when the blade is moving up and down. The guard is always see through, so you can see easily the wood while you're using the machine Rule 2 When you're working on the machines you must make sure that you remove anything that can get caught on the machine for example watches or any other jewelry must be taken off and you must eliminate any loose clothing also if you have got a long hair you must make sure that it is tied back the reason for all this is to make sure that nothing gets in the way of the machine while it's been operated. Rule 1 Safety rules to use the saw machines The extractor fan was another important rule so when I was using any of the machines I made sure that the extractor fan was kept on whilst I was using the machines once I was finished with the machine I made sure the gate was closed for the extractor. The first and most important rule at the workshop is to wear Personal Protection Equipment (PPE) which is for example safety goggles: these are made with flexible plastic frames and an elastic headband which means it would not fall out and will protect your eyes from the dust and from other substances that have a risk of splashing into your eyes. Also wearing overalls can protect us against

hazardous substances. Another example is an ear defender which completely covers and protects our ears.

the ear defender can protect our ears from very loud noises too.

While working in the work place we should all follow the health and safety rules to stop us getting injured or causing an incident. Health & safety In this assignment I will be explaining the health and safety that is used in a woodwork shop and I will be explaining what is a bandsaw machine and how to use the machine also the advantages and disadvantages of the band saw. I will also be explaining about scroll saw and how to use the machine, and the advantages and disadvantages.

Also will be explaining about the pillar drill machine and will write the advantages and disadvantages for the pillar drill. Introduction